

## ILS or LOC Y RWY 33R

LOC I-RND <b>109.3</b>	APCH CRS <b>325°</b>	Rwy Idg TDZE Arprt Elev <b>8351</b> <b>733</b> <b>761</b>	[USAF]
RADAR or DME required			RANDOLPH AFB (KRND)

\* When ALS inop, increase RVR to 40 and vis to ¾ mile.  
 \*\* When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE vis to 1½ miles.  
 \*\*\* Circling not authorized SW of Rwy 15L-33R.

ATIS ★ <b>290.525</b>	SAN ANTONIO APP CON <b>128.05 318.1</b>	TOWER ★ <b>128.25 294.7</b>	GND CON <b>119.65 275.8</b>	CLNC DEL (RWY 15L-33R) <b>338.35</b>	HANGOVER ATIS ★ <b>327.8</b>	HANGOVER TOWER ★ <b>120.5 291.1</b>	HANGOVER GND CON <b>124.75 353.75</b>
--------------------------	--	--------------------------------	--------------------------------	---	---------------------------------	--	--

Simultaneous approaches authorized with Rwy 33R and 33L.

**EMERG SAFE ALT 100 NM 4100**

ELEV	761	TDZE	733
------	-----	------	-----

HIRL all rwys  
ALS Rwy 15L nstd len 2100'

FAF to MAP 3.6 NM					
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

CATEGORY	A	B	C	D	E
S-ILS 33R *	933/24		200	(200-½)	
S-LOC 33R **	1180/24 447 (500-½)		1180/45 447 (500-¾)		
*** CIRCLING	1240-1 479 (500-1)		1260-1½ 499 (500-1½)		1900-3 1139 (1200-3)